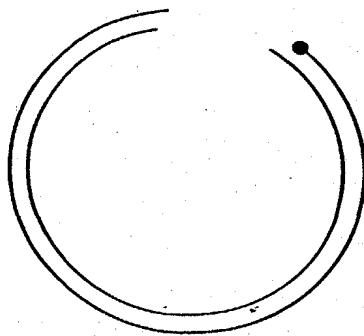


LINEAR VECTORS



CIRCULAR VECTORS

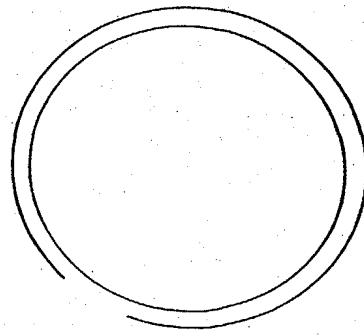
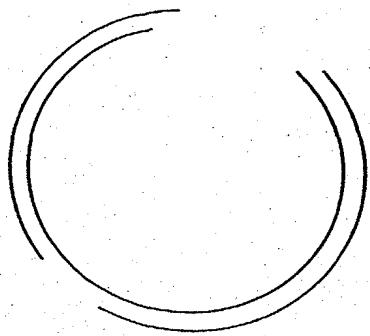
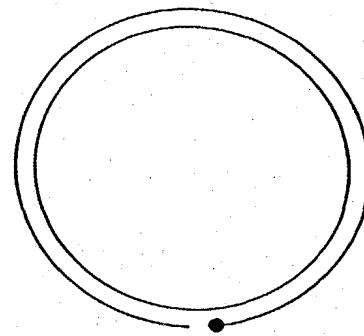
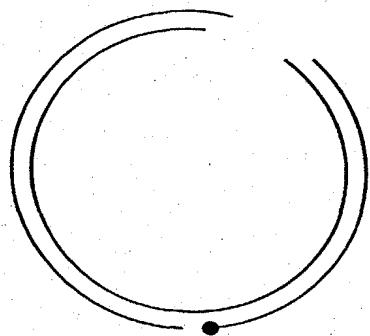
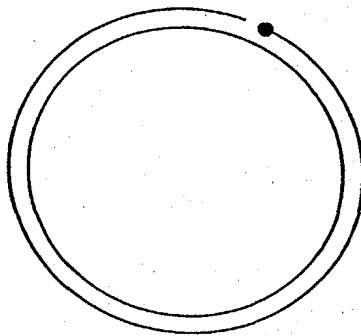


FIG. 1A

FIG. 1B

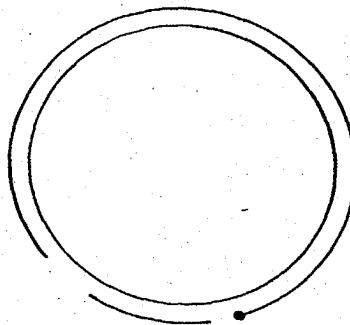
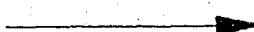
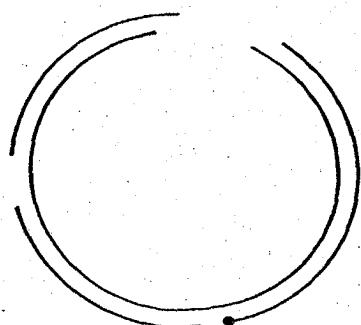
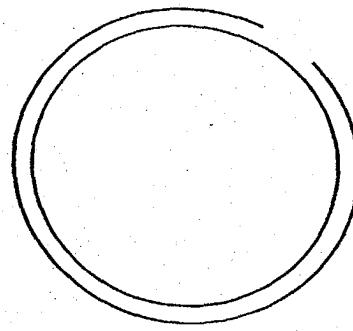
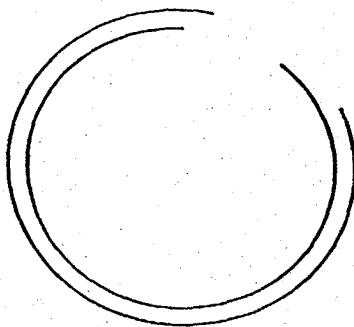
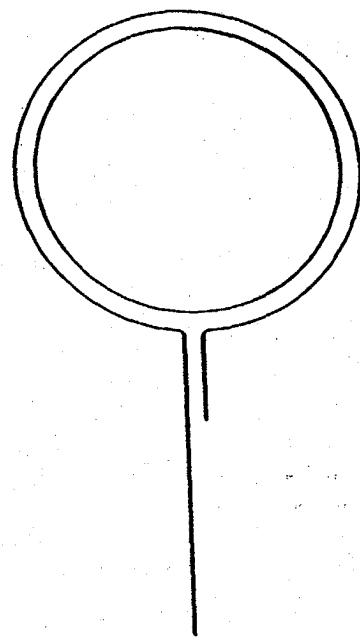
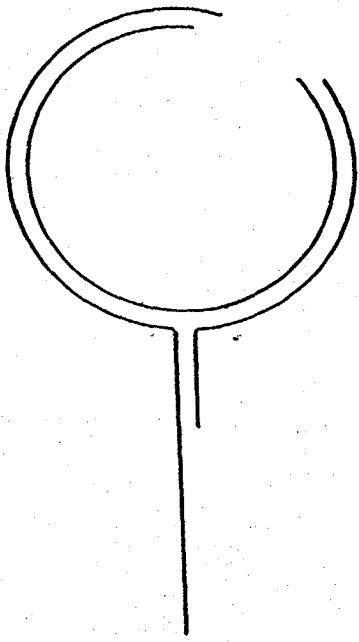


FIG. 1C

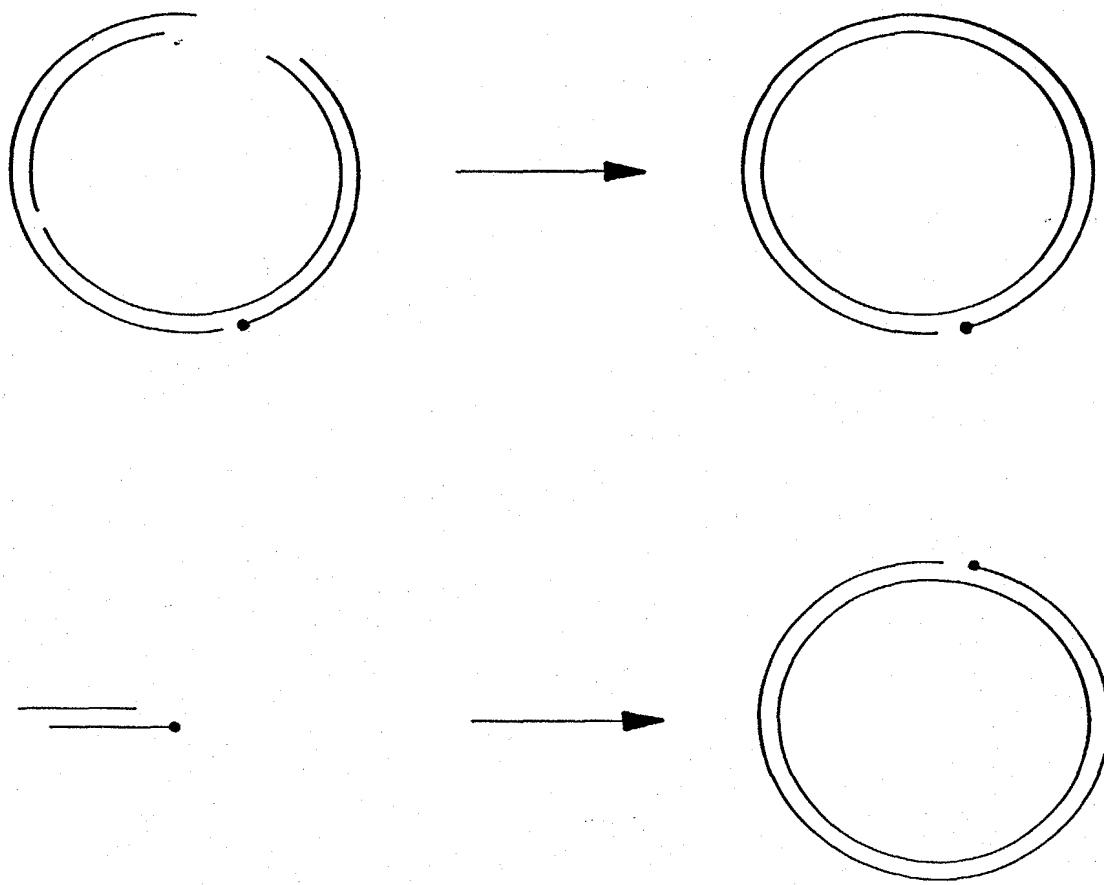
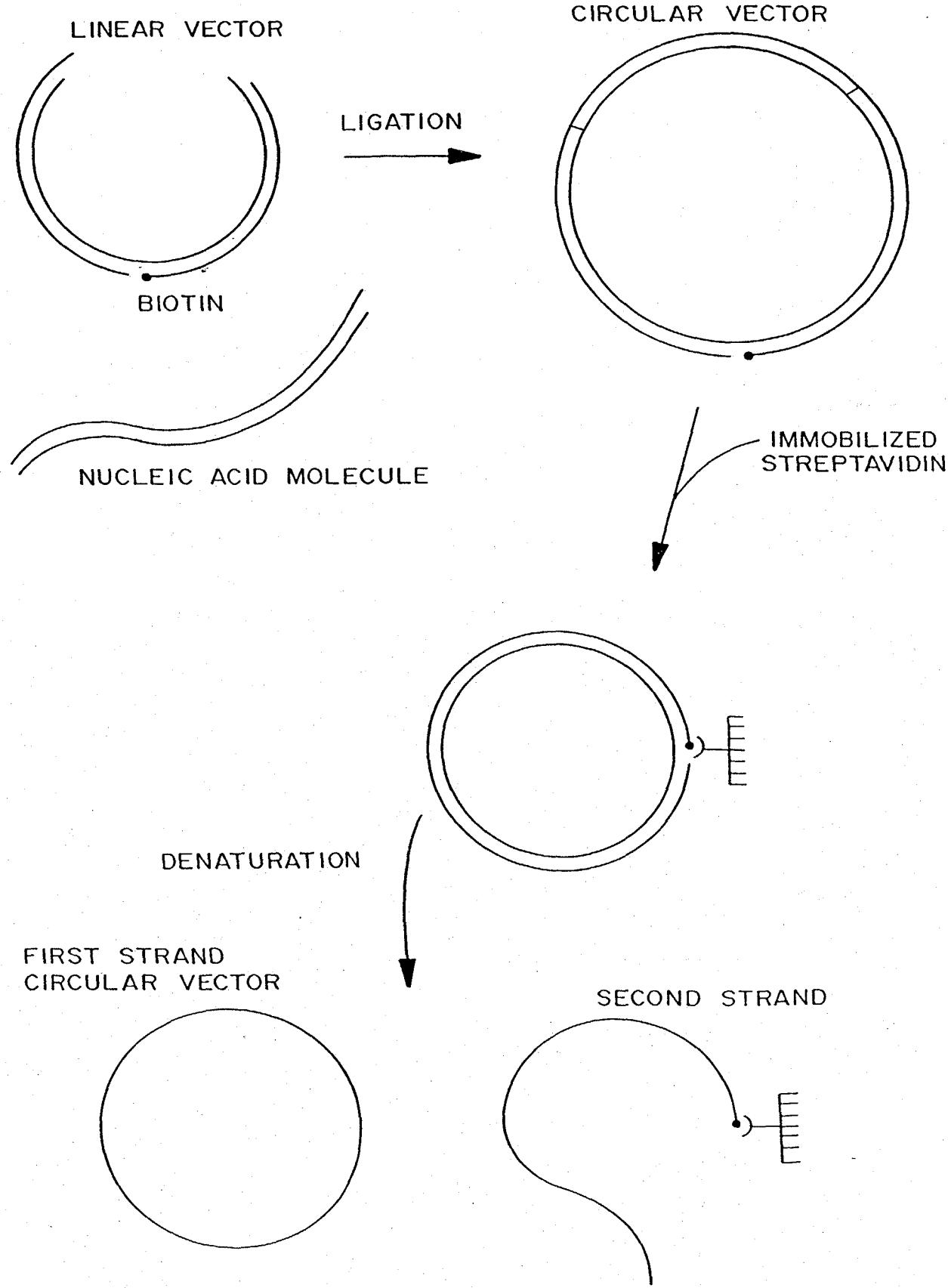
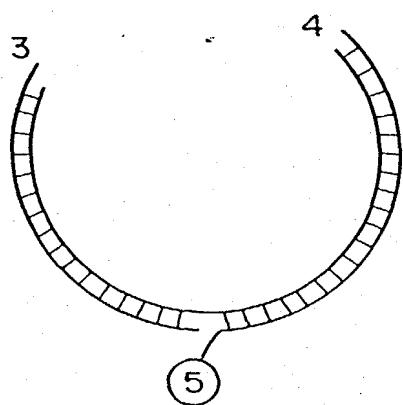
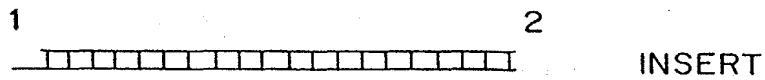


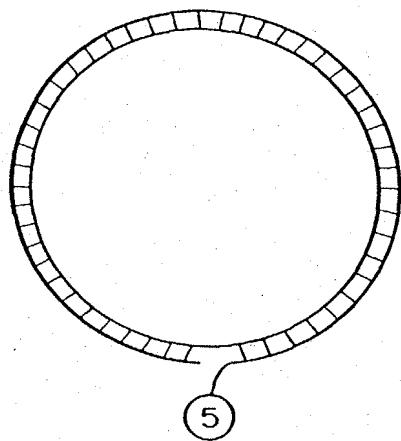
FIG. 2A





1, 3 ARE COMPATIBLE
STICKY ENDS

2,4 ARE BLUNT ENDS



INSERT HAS BEEN LIGATED
INTO VECTOR

5. IS BIOTIN OR ANY HAPten

FIG. 2B

FIG. 3

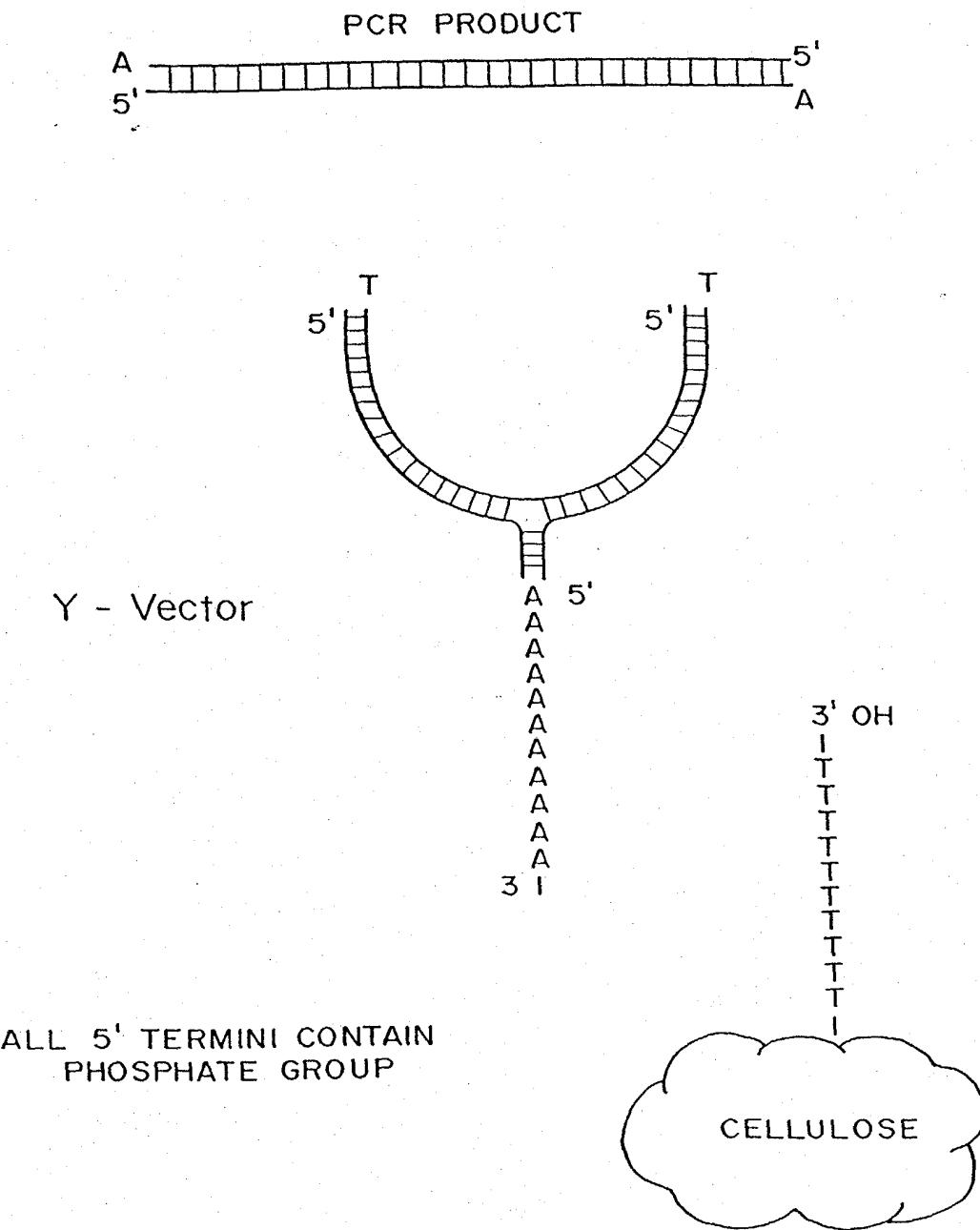
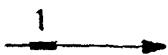
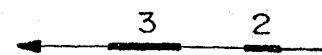


FIG. 4

PRIMER

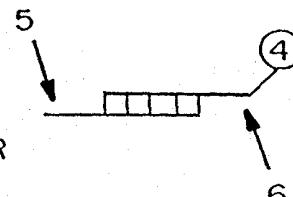


PRIMER



3 2

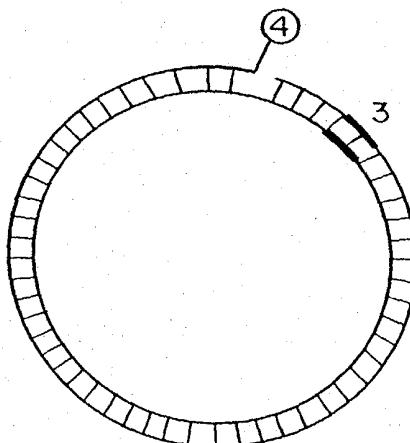
LINKER-ADAPTOR



1, 2, 3 ARE RESTRICTION SITES

5, 6 ARE STICKY ENDS COMPATIBLE WITH 1 AND 2

4 IS BIOTIN OR ANY HAPten



DIGESTED PCR PRODUCT LIGATED TO ADAPTOR